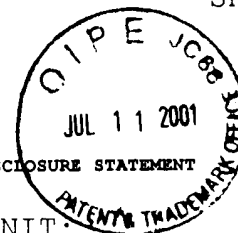


JACOBSON HOLMAN PLLC  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004-2201



## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

1. DOCKET NO.: P66506US0 GROUP ART UNIT:  
SERIAL NO.: 09/787,443 FILING DATE: March 29, 2001  
APPLICANT(S): Lars Christian B. RONN et al.

\*\*\*\*\*

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- CA AA Andersson et al.; "Age-related changes in expression of the neural cell adhesion molecule in skeletal muscle: a comparative study of newborn, adult and aged rats"; BIOCHEMICAL JOURNAL 1993; 290: 641-648
- CB AB Beggs et al.; "NCAM140 Interacts with the Focal Adhesion Kinase p125<sup>FAK</sup> and the SRC-related Tyrosine Kinase p59<sup>lyn</sup>"; JOURNAL OF BIOLOGICAL CHEMISTRY 1997; 272, No. 13: 8310-8319
- CC AC Carenini et al.; "Absence of the myelin-associated glycoprotein (MAG) and the neural cell adhesion molecule (N-CAM) interferes with the maintenance, but not with the formation of peripheral myelin"; CELL AND TISSUE RESEARCH 1997; 287: 3-9
- CD AD Cremer et al.; "NCAM Is Essential for Axonal Growth and Fasciculation in the Hippocampus"; MOLECULAR & CELLULAR NEUROSCIENCES 1997; 8: 323-335
- CE AE Cremer et al.; "Inactivation of the N-CAM gene in mice results in size reduction of the olfactory bulb and deficits in spatial learning"; NATURE 1994; 367: 455-459
- CF AF Daniloff et al.; "Altered Expression of Neuronal Cell Adhesion Molecules Induced by Nerve Injury and Repair"; JOURNAL OF CELL BIOLOGY 1986; 103: 929-945
- CG AG Daston et al.; "Spatially Restricted Increase in Polysialic Acid Enhances Corticospinal Axon Branching Related to Target Recognition and Innervation"; JOURNAL OF NEUROSCIENCE 1996; 16: 5488-5497
- CH AH Doherty et al.; "The VASE exon downregulates the neurite growth-promoting activity of NCAM 140"; NATURE 1992; 356: 791-793
- CI AI Doherty et al.; "REVIEW CAM-FGF Receptor Interactions: A Model for Axonal Growth"; MOLECULAR AND CELLULAR NEUROSCIENCE 1996; 8: 99-111
- CJ AJ Doyle et al.; "Hippocampal NCAM180 Transiently Increases Sialylation During the Acquisition and Consolidation of a Passive Avoidance Response in the Adult Rat"; JOURNAL OF NEUROSCIENCE RESEARCH 1992; 31: 513-523
- CK AK Edelman et al.; "Place-dependent Cell Adhesion, Process Retraction, and Spatial Signaling in Neural Morphogenesis"; COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY, COLD SPRING HARBOR LABORATORY PRESS, 1990: 303-318

EXAMINER

DATE CONSIDERED

4/9/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

JACOBSON HOLMAN PLLC  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004-2201



Sheet 2 of 5

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

1. DOCKET NO.: P66506US0 GROUP ART UNIT: 1647  
SERIAL NO.: 09/787,443 FILING DATE: March 29, 2001  
APPLICANT(S): Lars Christian B. RONN et al.

\*\*\*\*\*

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- CA BA Fazeli et al.; "The role of cell adhesion molecules during the development and regeneration of the neuromuscular system"; SEMINARS IN THE NEUROSCIENCES 1996; 8: 367-377
- CB BB Fields et al.; "Neural cell adhesion molecules in activity-dependent development and synaptic plasticity"; TRENDS IN NEUROSCIENCES 1996; 19: 473-480
- CC BC Frei et al.; "Different Extracellular Domains of the Neural Cell Adhesion Molecule (N-CAM) Are Involved in Different Functions"; JOURNAL OF CELL BIOLOGY 1992; 118: 177-194
- CD BD Furka et al.; "General method for rapid synthesis of multicomponent peptide mixtures"; INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH 1991; 37: 487-493
- CE BE Gaardsvoll et al.; "Age-related changes in expression of neural cell adhesion molecule (NCAM) in heart: a comparative study of newborn, adult and aged rats"; EUROPEAN JOURNAL OF CELL BIOLOGY 1993; 61: 100-107
- CF BF Horstkorte et al.; "The Fourth Immuneoglobulin-like Domain of NCAM Contains a Carbohydrate Recognition Domain for Oligomannosidic Glycans Implicated in Association with L1 and Neurite Outgrowth"; THE JOURNAL OF CELL BIOLOGY 1993; Vol.121, No.6, 1409-1421
- CG BG Jucker et al.; "Transient upregulation of NCAM mRNA in astrocytes in response to entorhinal cortex lesions and ischemia"; BRAIN RESEARCH 1995; MOLECULAR BRAIN RESE.: 149-156
- CH BH Kasper et al.; "Functional Characterization of NCAM Fibronectin Type III Domains: Demonstration of Modulatory Effects of the Proline-Rich Sequence Encoded by Alternatively Spliced Exons a and AAG"; JOURNAL OF NEUROSCIENCE RESEARCH 1996; 46: 173-186
- CI BI Kiselyov et al.; "The First Immunoglobulin-like Neural Cell Adhesion Molecule (NCAM) Domain Is Involved in Double-reciprocal Interaction with the Second Immunoglobulin-like NCAM Domain and in Heparin Binding"; JOURNAL OF BIOLOGICAL CHEMISTRY 1997; 272: 10125-10134
- CJ BJ Knittel et al.; "Cell-Type-Specific Expression of Neural Cell Adhesion Molecule (N-CAM) in Ito Cells of Rat Liver, Up-Regulation during in Vitro Activation and in Hepatic Tissue Repair"; AMERICAN JOURNAL OF PATHOLOGY 1996; 149: 449-462

EXAMINER

DATE CONSIDERED

4/9/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

**JACOBSON HOLMAN PLLC**  
 400 SEVENTH STREET, N.W.  
 WASHINGTON, D.C. 20004-2201

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Y. DOCKET NO.: P66506US0 GROUP ART UNIT: 1687  
 SERIAL NO.: 09/787,443 FILING DATE: March 29, 2001  
 APPLICANT(S): Lars Christian B. RONN et al.

\*\*\*\*\*  
 OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- CA Krushel et al.; "Neural cell adhesion molecule (N-CAM) domains and intracellular signaling pathways involved in the inhibition of astrocyte proliferation"; PROCEEDING OF THE NATIONAL ACADEMY OF SCIENCE OF THE UNITED STATES OF AMERICA 1998; 95: 2592-2596
- CB Lackie et al.; "Polysialic acid and N-CAM localisation in embryonic rat kidney: mesenchymal and epithelial elements show different patterns of expression"; DEVELOPMENT 1990; 110: 933-947
- CC Lahrtz et al.; "VASE-Encoded Peptide Modifies NCAM-and L1-Mediated Neurite Outgrowth"; JOURNAL OF NEUROSCIENCE RESEARCH 1997; 50: 62-68
- CD Lam et al.; "A new type of synthetic peptide library for identifying ligand-binding activity"; NATURE 1991; 354:82-84
- CE Lam et al.; "Streptavidin and Avidin Recognize Peptide Ligands with Different Motifs"; IMMUNOMETHODS 1992; 1: 11-15
- CF Landmesser et al.; "Polysialic Acid As a Regulator of Intramuscular Nerve Branching during Embryonic Development"; NEURONE 1990; 4-655-667
- CG Lüthi et al.; "Hippocampal long-term potentiation and neural cell adhesion molecules L1 and NCAM"; NATURE 1994; 372:777-779
- CH Maar et al.; "Characterization of Microwell Cultures of Dissociated Brain Tissue for Studies of Cell-Cell Interactions"; Journal of Neuroscience Research 1997; 47: 163-172
- CI Massaro et al.; "N-CAM in cerebrospinal fluid: a marker of synaptic remodelling after acute phases of multiple sclerosis?"; Italian Journal of Neurological Sciences 1987; Suppl. 6:85-88
- CJ Møller et al.; "NCAM in developing mouse gonads and ducts"; Anatomy and Embryology 1991; 184: 541-548
- CK Møller et al.; "Differential Expression of Neural Cell Adhesion Molecule and Cadherins in Pancreatic Islets, Glucagonomas, and Insulinomas"; Molecular Endocrinology 1992; 6: 1332-1342
- CL Nieke et al.; "Expression of the neural cell adhesion molecules L1 and N-CAM and their common carbohydrate epitope L2/HNK-1 during development and after transection of the mouse sciatic nerve"; Differentiation 1985; 30: 141-151
- CM Olsen et al.; "THE ABILITY TO RE-EXPRESS POLYSIALYLATED NCAM IN SOLEUS MUSCLE AFTER DENERVATION IS REDUCED IN AGED RATS COMPARED TO YOUNG ADULT RATS"; Int J Devl Neuroscience 1995; 13: 97-104

EXAMINER

DATE CONSIDERED

4/9/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

**JACOBSON HOLMAN PLLC**  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004-2201

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Y. DOCKET NO.: P66506US0 GROUP ART UNIT: 1647  
SERIAL NO.: 09/787,443 FILING DATE: March 29, 2001  
APPLICANT(S): Lars Christian B. RONN et al.

\*\*\*\*\*  
**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

- CD DA Ono et al.; "N-CAM Mutation Inhibits Tangential Neuronal Migration and Is Phenocopied by Enzymatic Removal of Polysialic Acid"; Neurone 1994; 13: 595-609
- CD DB Pollerberg et al.; "A Functional Role for the Middle Extracellular Region of the Neural Cell Adhesion Molecule (NCAM) in Axonal Fasciculation and Orientation"; Developmental Biology 1993; 156(2): 324-340
- CD DC Rabinowitz et al.; "Targeted mutation of Ncam to produce a secreted molecule results in a dominant embryonic lethality"; Proceedings of the National Academy of Science of the United States of America 1996; 93: 6421-6424
- CD DD Ranheim et al.; "Homophilic adhesion mediated by the neural cell adhesion molecule involves multiple immunoglobulin domains"; Proceedings of the National Academy of Science of the United States of America 1996; 93: 4071-4075
- CD DE Rao et al.; "Identification of a Peptide Sequence Involved in Homophilic Binding in the Neural Cell Adhesion Molecule NCAM"; Journal of Cell Biology 1992; 118: 937-949
- CD DF Rao et al.; "Mechanism of Homophilic Binding Mediated by the Neural Cell Adhesion Molecule NCAM"; Journal of Biological Chemistry 1994; 269: 27540-27548
- CD DG Romanska et al.; "Neural Cell Adhesion Molecule (NCAM) Expression in Nerves and Muscle of Developing Human Large Bowel"; Journal of Pediatric Gastroenterology and Nutrition 1996; 22: 351-358
- CD DH Rønn et al.; "NCAM-antibodies modulate induction of long-term potentiation in rat hippocampal CA1"; Brain Research 1995; 677: 145-151
- CD DI Rønn; Ph.D. Thesis; The Protein Laboratory and The Division of Neurophysiology, University of Copenhagen 1997
- CD DJ Rutishauser et al.; "Polysialic acid in the vertebrate nervous system: a promoter of plasticity in cell-cell interactions"; Trends in Neurosciences 1996; 19: 422-427
- CD DK Sandig et al.; "The Homophilic Binding Site of the Neural Cell Adhesion Molecule NCAM Is Directly Involved in Promoting Neurite Outgrowth from Cultured Neural Retinal Cells"; Journal of Biological Chemistry 1994; 269: 14841-14848

EXAMINER

DATE CONSIDERED

4/9/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

**JACOBSON HOLMAN PLLC**  
 400 SEVENTH STREET, N.W.  
 WASHINGTON, D.C. 20004-2201

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Y. DOCKET NO.: P66506US0 GROUP ART UNIT: 1647  
 SERIAL NO.: 09/787,443 FILING DATE: March 29, 2001  
 APPLICANT(S): Lars Christian B. RONN et al.

\*\*\*\*\*

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

- CSN EA Sanes et al.; "Expression of Several Adhesive Macromolecules (N-CAM, L1, J1, NILE, Uvomorulin, Laminin, Fibronectin, and a Heparan Sulfate Proteoglycan) In Embryonic, Adult and Denervated Adult Skeletal Muscle"; Journal of Cell Biology 1986; 102:420-431
- CSN EB Schmid et al.; "NCAM Stimulates the Ras-MAPK Pathway and CREB Phosphorylation in Neuronal Cells"; Journal of Neurobiology 1999; 38: 542-558
- CSN EC Scholey et al.; "A ROLE FOR THE NEURAL CELL ADHESION MOLECULE IN A LATE, CONSOLIDATING PHASE OF GLYCOPROTEIN SYNTHESIS SIX HOURS FOLLOWING PASSIVE AVOIDANCE TRAINING OF THE YOUNG CHICK"; Neuroscience 1993; 55: 499-509
- CSN ED Schuch et al.; "Neural Cell Adhesion Molecules Influence Second Messenger Systems"; Neurone 1989; 3: 13-20
- CSN EE Shen et al.; "Role of Neural Cell Adhesion Molecule and Polysialic Acid in Mouse Circadian Clock Function"; Journal of Neuroscience 1997; 17: 5221-5229
- CSN EF Stahlhut et al.; "NCAM-Fibronectin-Type-III-Domain Substrata With and Without a Six-Amino-Acid-Long Proline-Rich Insert Increase the Dendritic and Axonal Arborization of Spinal Motoneurons"; Journal of Neuroscience Research 1997; 48: 112-121
- CSN EG Stork et al.; "Increased Intermale Aggression and Neuroendocrine Response in Mice Deficient for the Neural Cell Adhesion Molecule (NCAM)"; European Journal of Neuroscience 1997; 9: 1117-1125
- CSN EH Thomsen; "The three-dimensional structure of the first domain of neural cell adhesion molecule"; Nature Structural Biology 1996; 3: 581-585
- CSN EI van Kammen et al.; "Further Studies of Elevated Cerebrospinal Fluid Neuronal Cell Adhesion Molecule in Schizophrenia"; Biological Psychiatry 1998; 43: 680-686
- CSN EJ Walsh et al.; "EXPRESSION OF CELL ADHESION MOLECULE, N-CAM, IN DISEASES OF ADULT HUMAN SKELETAL MUSCLE"; Neuroscience Letters 1985; 59: 73-78
- CSN EK Zhang et al.; "Polysialic Acid is Required for Optimal Growth of Axons on a Neuronal Substrate"; Journal of Neuroscience 1992; 12: 3107-3114

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

**JACOBSON HOLMAN PLLC**  
 400 SEVENTH STREET, N.W.  
 WASHINGTON, D.C. 20004-2201

## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

TTY. DOCKET NO.: P66506US0 GROUP ART UNIT: 1647  
 SERIAL NO.: 09/787,443 FILING DATE: March 29, 2001  
 APPLICANT(S): Lars Christian B. RONN et al.

\*\*\*\*\*

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- CS AA Rønn et al.; A simple procedure for quantification of neurite outgrowth based on sterological principles; Journal of Neuroscience Methods; 2000; 20(6); 25-32
- CS AB Rønn et al.; Neurite Outgrowth Induced by a Synthetic Peptide Ligand of Neural Cell Adhesion Molecule Requires Fibroblast Growth Factor Receptor Activation; Journal of Neurochemistry; 2000, 75; 665-671
- CS AC Kolkova et al.; Neural Cell Adhesion Molecule-Stimulated Neurite Outgrowth Depends on Activation of Protein Kinase C and the Ras-Mitogen-Activated Protein Kinase Pathway; The Journal of Neuroscience, 2000; 20(6); pp. 2238-2246
- CS AD Foley et al.; A Synthetic Peptide Ligand of Neural Cell Adhesion Molecule (NCAM) IgI Domain Prevents NCAM Internalization and Disrupts Passive Avoidance Learning; Journal of Neurochemistry; 2000, 74(6); pp. 2607-2613
- AE \_\_\_\_\_
- AF \_\_\_\_\_
- AG \_\_\_\_\_
- AH \_\_\_\_\_
- AI \_\_\_\_\_
- AJ \_\_\_\_\_
- AK \_\_\_\_\_
- AL \_\_\_\_\_

EXAMINER

DATE CONSIDERED

EXAMINER: [Signature] DATE CONSIDERED: 4/9/2003  
 \* EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant s.



JACOBSON HOLMAN PLLC  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004-2201

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P66506US0 GROUP ART UNIT: 1614 1647  
SERIAL NO.: 09/787,443 FILING DATE: July 30, 2001  
APPLICANT(S): Lars Christian RONN et al.

\*\*\*\*\*

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA Rønn et al.; Increased intracellular calcium is required for neurite outgrowth induced by a synthetic peptide ligand of NCAM; FEBS LETTERS 518 (2002) 60-66

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

RECEIVED  
OCT 16 2002  
TECH CENTER 1600/2300

EXAMINER

DATE CONSIDERED

*g. Mielke*

4/9/2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).